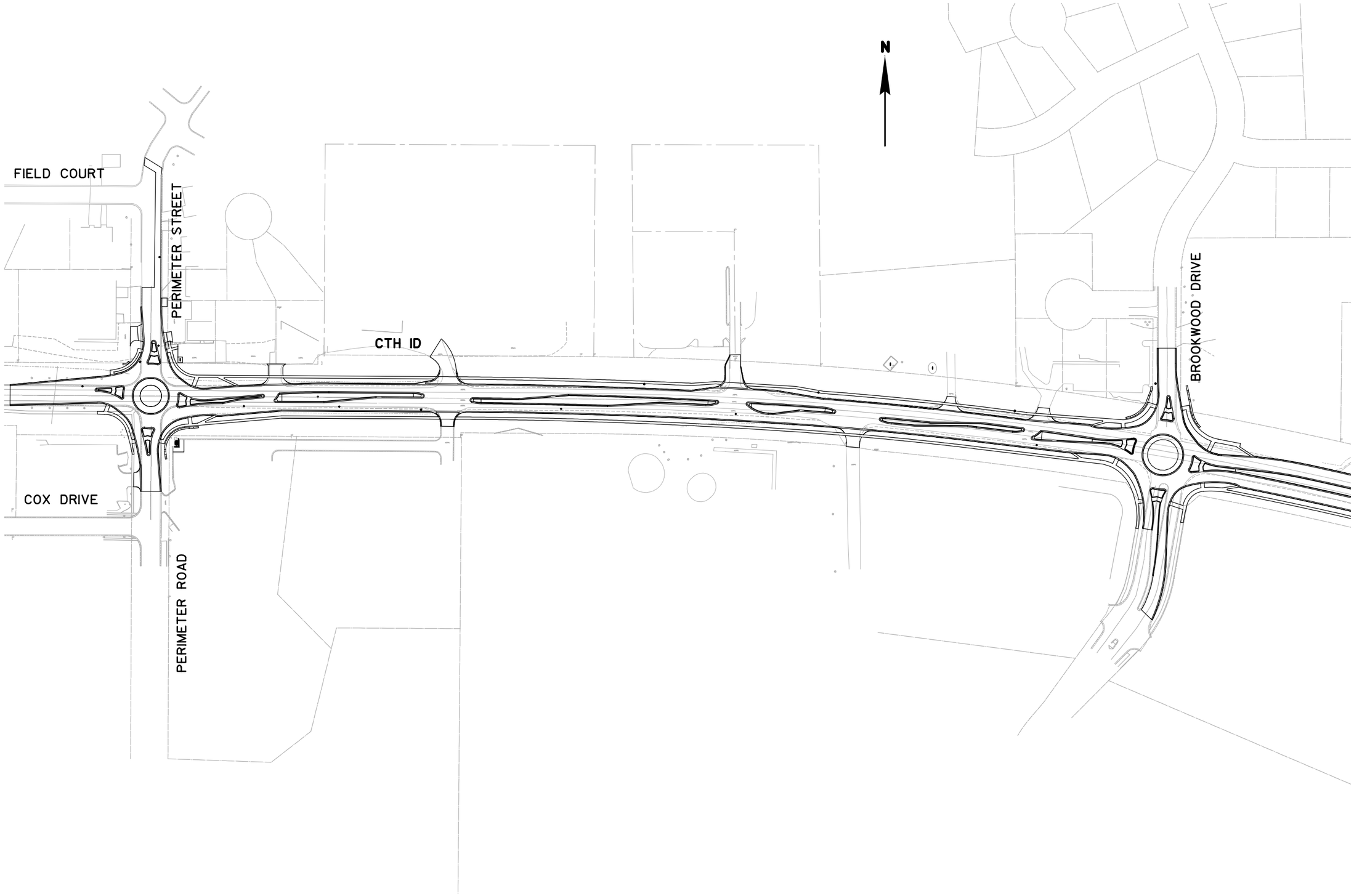


NO.	REVISIONS	DATE:

DATE: JAN. 2006
DES BY: JJS CHK BY: MAF

RECORD DRAWING

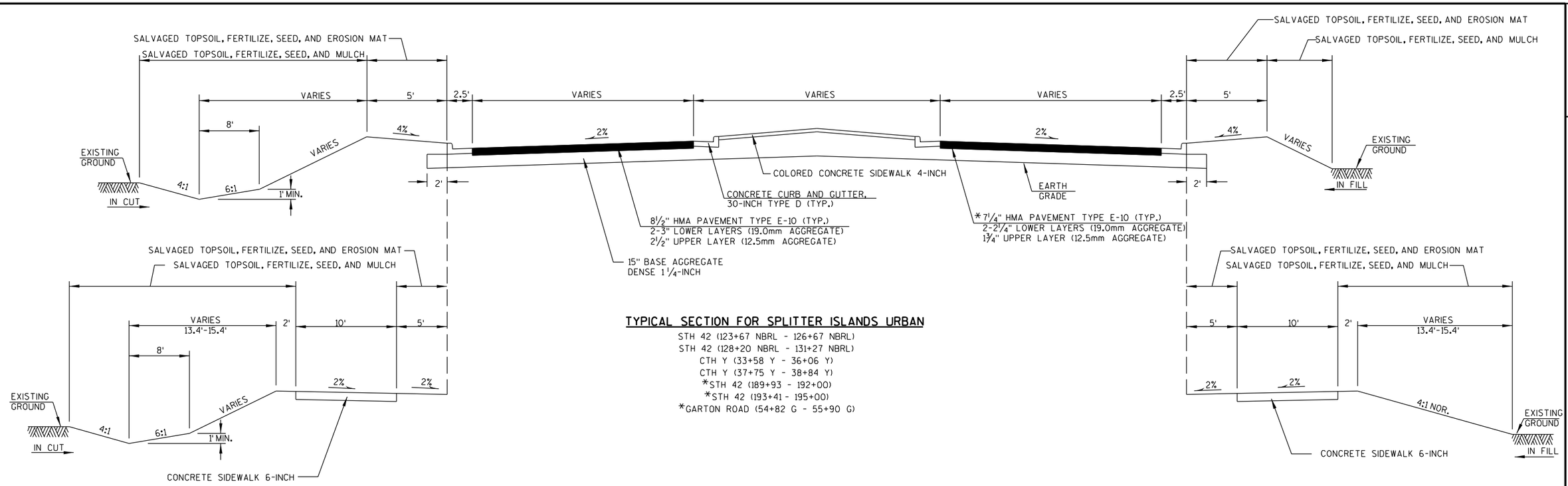
BY:
DATE:
CONTRACTOR:

PROJECT OVERVIEW

CTH ID RECONSTRUCTION
VILLAGE OF MOUNT HOREB
DANE COUNTY, WISCONSIN

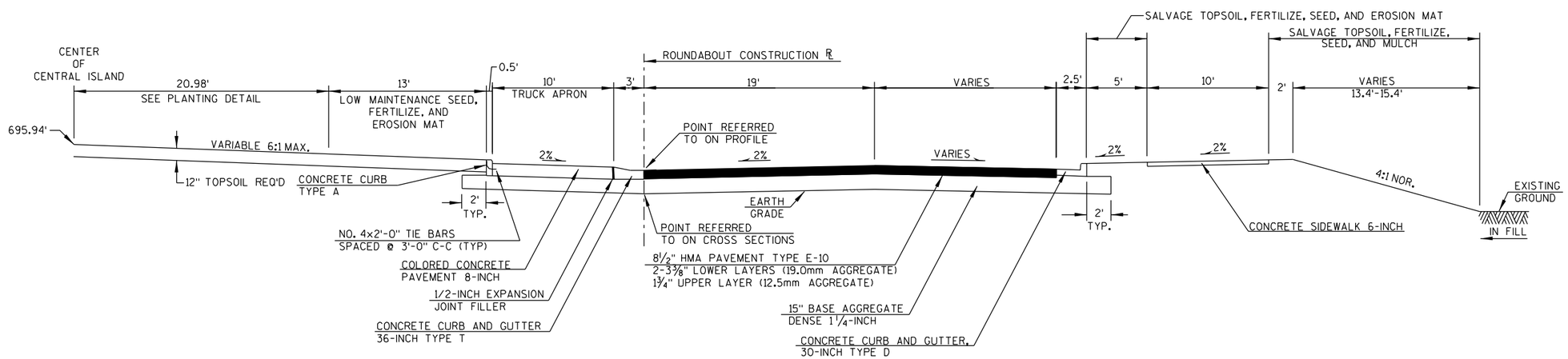
SHEET
3

JOB NO. 1-123-008



TYPICAL SECTION FOR SPLITTER ISLANDS URBAN

STH 42 (123+67 NBRL - 126+67 NBRL)
STH 42 (128+20 NBRL - 131+27 NBRL)
CTH Y (33+58 Y - 36+06 Y)
CTH Y (37+75 Y - 38+84 Y)
*STH 42 (189+93 - 192+00)
*STH 42 (193+41 - 195+00)
*GARTON ROAD (54+82 G - 55+90 G)



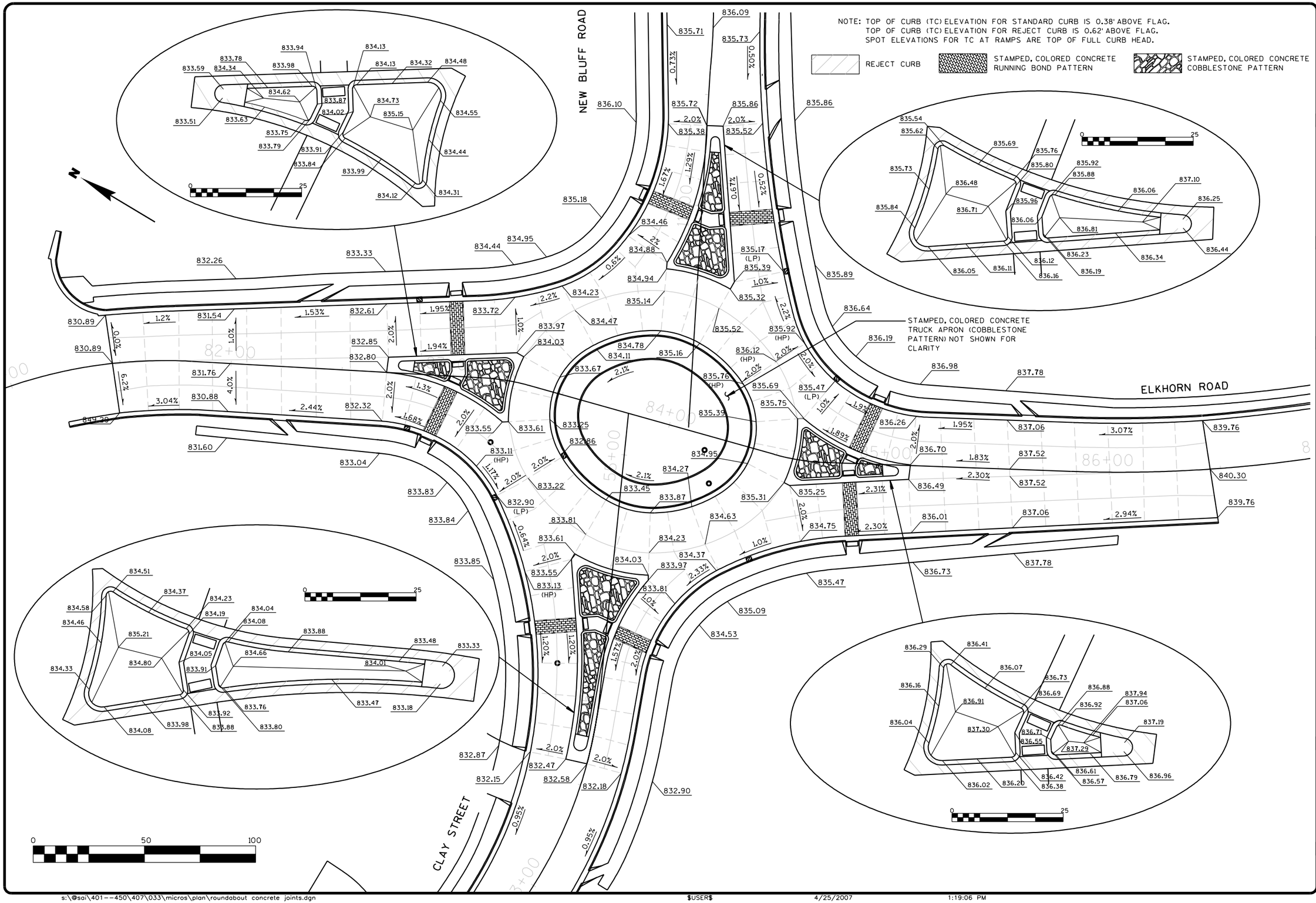
TYPICAL HALF-SECTION FOR STH 42/CTH Y ROUNDABOUT

NOTE: TOP OF CURB (TC) ELEVATION FOR STANDARD CURB IS 0.38' ABOVE FLAG.
TOP OF CURB (TC) ELEVATION FOR REJECT CURB IS 0.62' ABOVE FLAG.
SPOT ELEVATIONS FOR TC AT RAMPS ARE TOP OF FULL CURB HEAD.

REJECT CURB

STAMPED, COLORED CONCRETE RUNNING BOND PATTERN

STAMPED, COLORED CONCRETE COBBLESTONE PATTERN



NO.	REVISIONS	DATE:

DATE: DES BY: CHK BY:
RECORD DRAWING
BY: DATE: CONTRACTOR:

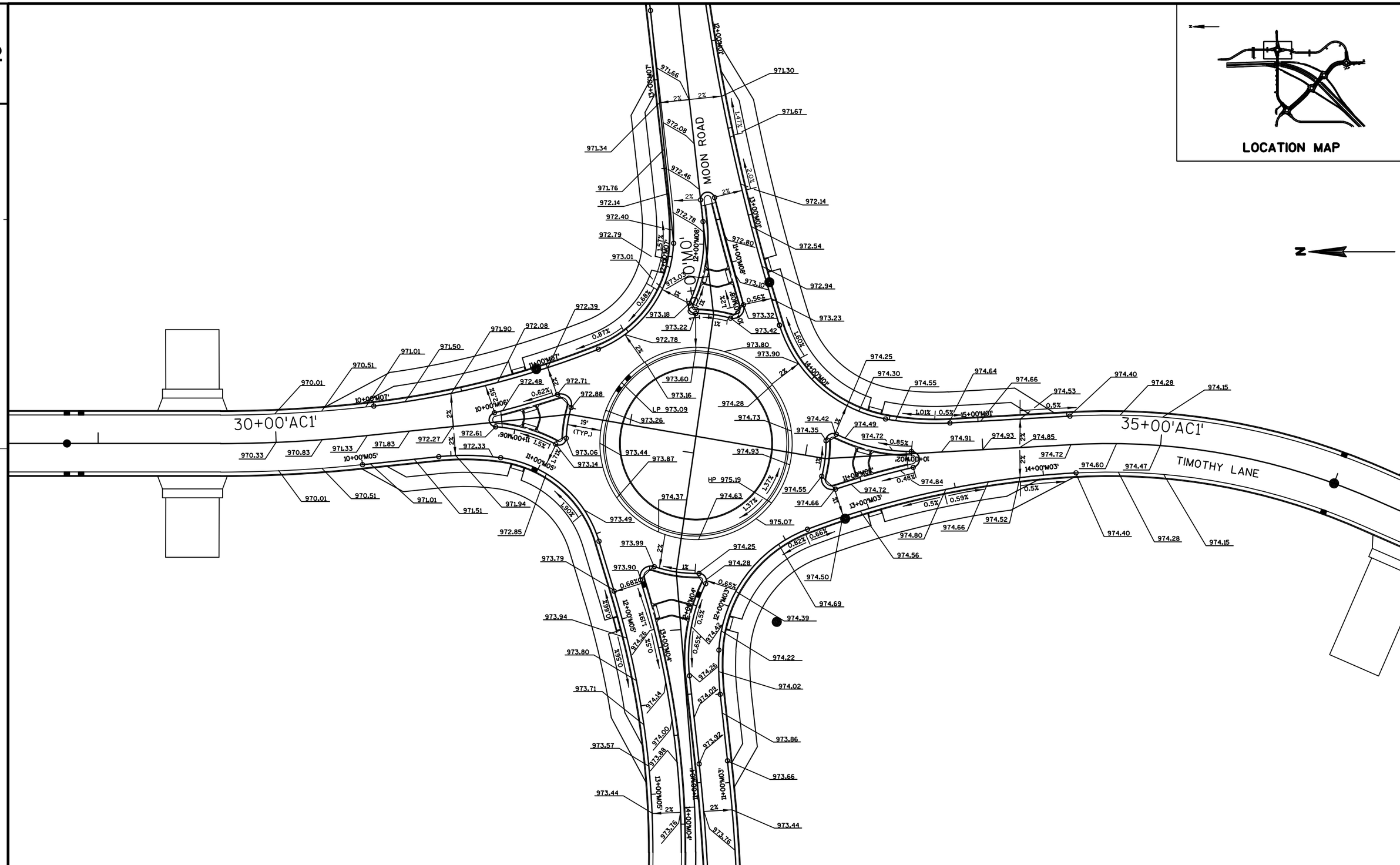
CONCRETE PAVEMENT JOINTING PLAN

ELKHORN ROAD ROUNABOUT AND BLUFF ROAD RECONSTRUCTION
CITY OF WHITEWATER
WALWORTH COUNTY, WISCONSIN

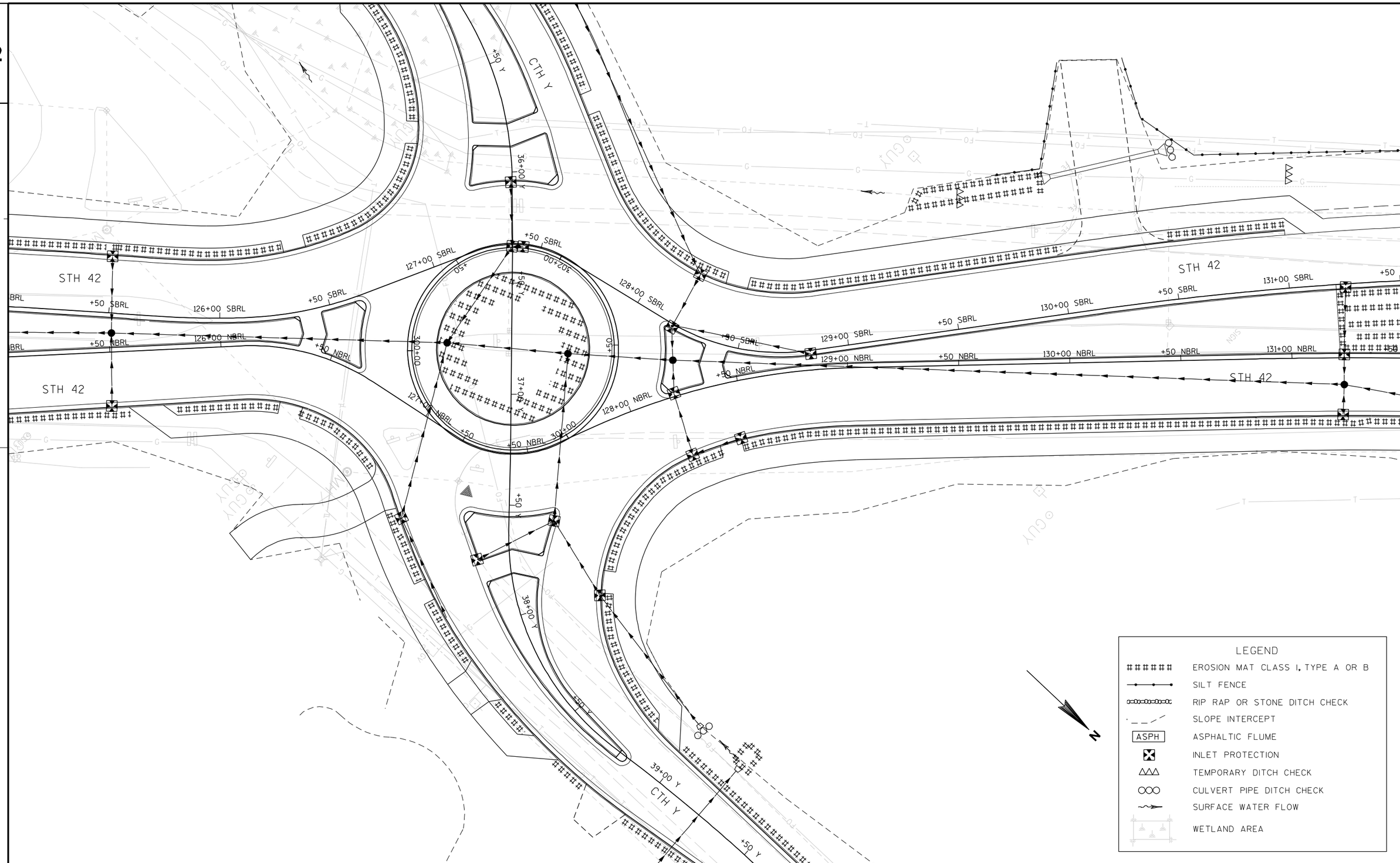
SHEET 15

JOB NO. 1-407-033

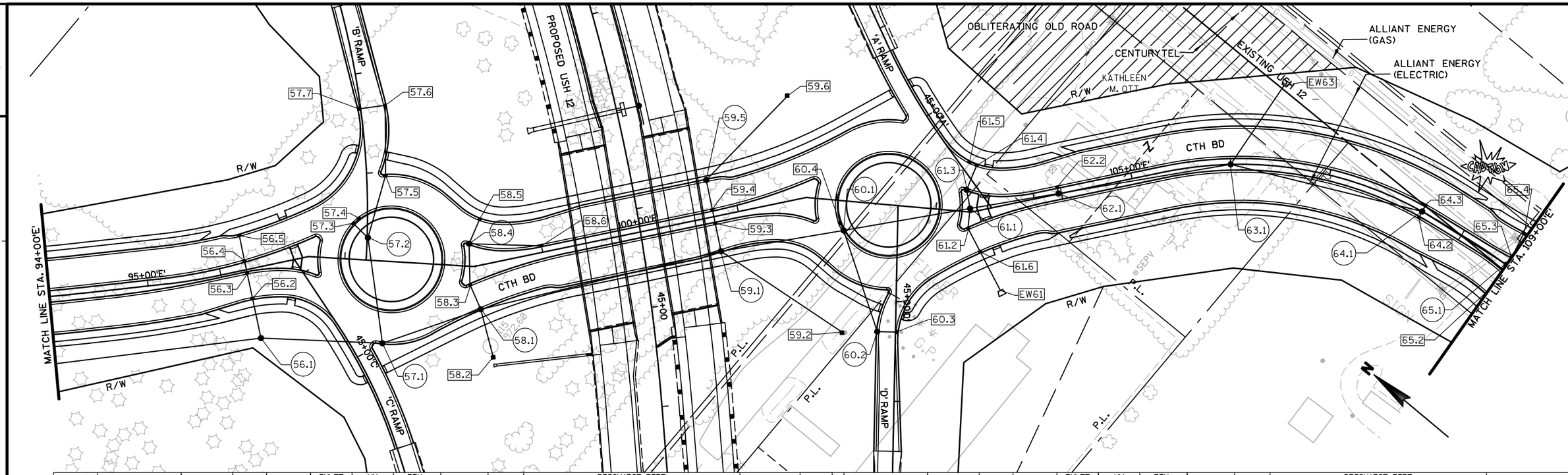
s:\@sai\401--450\407\033\micros\plan\roundabout concrete joints.dgn $USER$ 4/25/2007 1:19:06 PM



PROJECT NO:1674-00-72	HWY:US 12	COUNTY:SAUK	PAVING DETAIL	SHEET	E

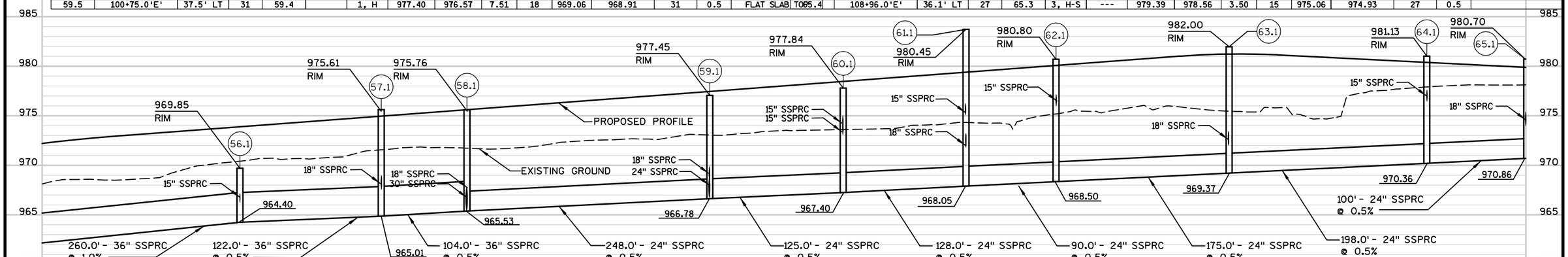


PROJECT NO:1460-07-71	HWY:STH 42	COUNTY:SHEBOYGAN	EROSION CONTROL	SHEET	E



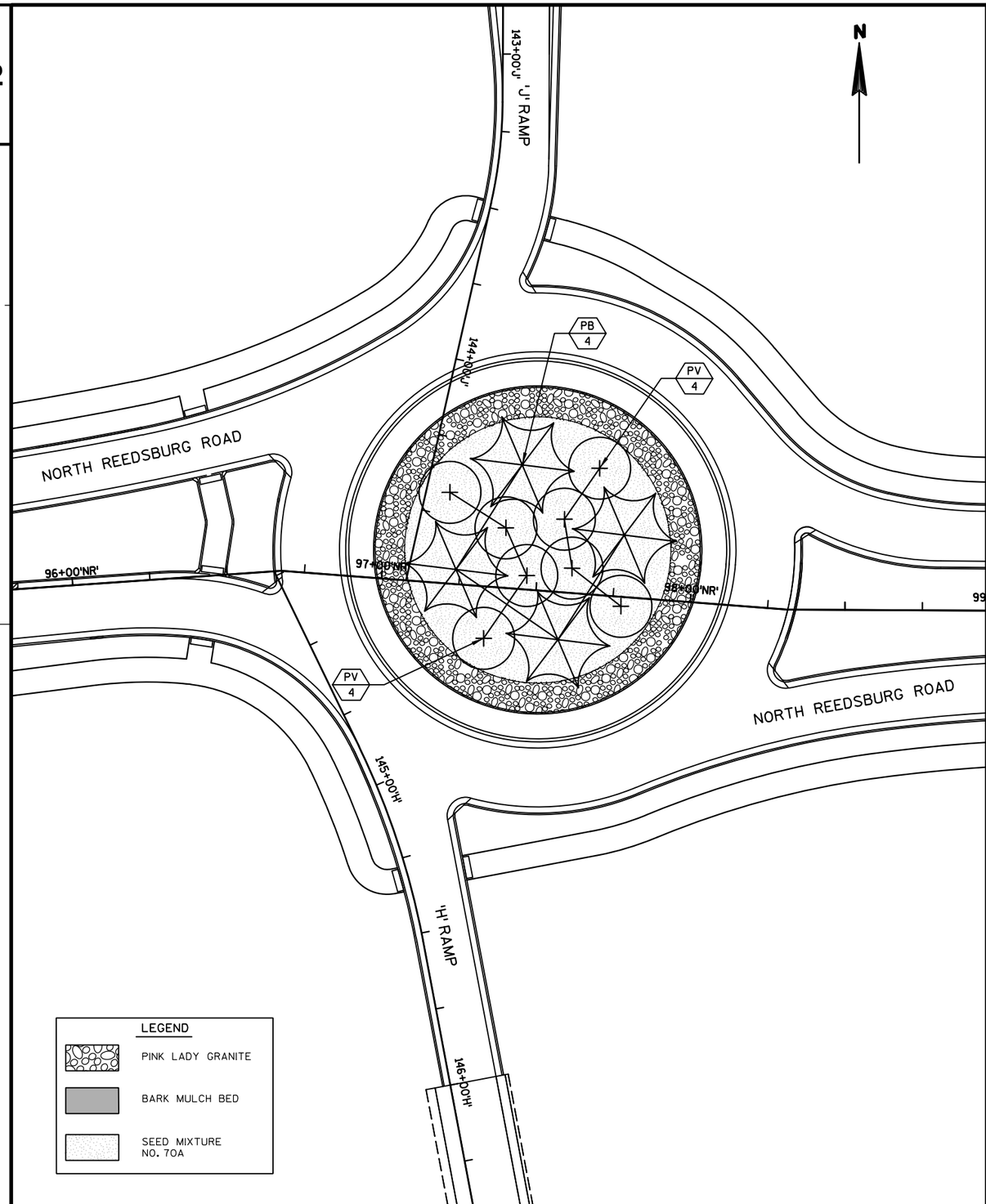
STRUCT NO.	STATION	OFFSET	C-C (FT)	TO STRUCT	INLET TYPE & COVER	MH TYPE & COVER	RIM/ GRATE ELEV.	T.O.S. ELEV.	DEPTH (FT)	DISCHARGE PIPE SIZE (IN)	DISCHARGE PIPE INLET ELEV.	DISCHARGE PIPE DISCHARGE ELEV.	DISCHARGE PIPE LENGTH (FT)	DISCHARGE PIPE SLOPE (%)	REMARKS
56.1	96+00.0'E'	70.0' RT	260	55.1	---	3, J-S	969.85	968.60	4.20	36	964.40	961.80	260	1.0	
56.2	96+00.0'E'	29.9' RT	40	56.1	3, H	---	974.09	973.26	5.29	15	967.97	966.37	40	4.0	
56.3	96+00.0'E'	2.9' RT	27	56.2	3, H	---	974.05	973.22	4.12	12	969.10	968.97	27	0.5	
56.4	96+00.0'E'	8.5' LT	13	56.3	3, H	---	973.33	972.50	3.33	12	969.17	969.10	13	0.5	
56.5	96+00.0'E'	35.6' LT	27	56.4	3, H	---	973.33	972.50	3.20	12	969.30	969.17	27	0.5	
57.1	97+42.8'E'	82.2' RT	122	56.1	---	3, H-S	975.61	974.78	9.77	36	965.01	964.40	122	0.5	FLAT SLAB TOP
57.2	97+21.6'E'	22.5' LT	108	57.1	---	3, J-S	976.38	975.13	7.13	18	968.00	967.46	108	0.5	
57.3	97+06.6'E'	35.6' LT	20	57.2	2, T	---	973.68	972.72	4.12	12	968.60	968.50	20	0.5	
57.4	97+12.0'E'	41.1' LT	8	57.3	2, T	---	973.70	972.74	4.10	12	968.64	968.60	8	0.5	
57.5	97+35.7'E'	86.1' LT	65	57.2	3, H-S	---	974.19	973.36	5.04	18	968.32	968.00	65	0.5	
57.6	97+31.1'E'	155.9' LT	70	57.5	3, H-S	---	973.80	972.97	3.78	12	969.19	968.83	70	0.5	
57.7	97+04.5'E'	150.7' LT	27	57.6	3, H-S	---	973.56	972.73	3.41	12	969.32	969.19	27	0.5	
58.1	98+29.5'E'	42.3' RT	104	57.1	---	3, H-S	975.76	974.93	9.40	36	965.53	965.01	104	0.5	FLAT SLAB TOP
58.2	98+30.0'E'	92.5' RT	49	58.1	8, MS	---	969.32	969.32	2.71	18	966.61	966.34	49	0.6	
58.3	98+26.7'E'	18.2' RT	27	58.1	3, H-S	---	975.88	975.05	9.39	15	965.66	965.53	27	0.5	
58.4	98+23.3'E'	22.6' LT	43	58.3	---	1, H-S	975.59	974.76	8.88	15	965.88	965.67	43	0.5	FLAT SLAB TOP
58.5	98+44.9'E'	45.6' LT	27	58.4	3, H	---	975.27	974.44	8.43	15	966.01	965.88	27	0.5	
58.6	99+00.0'E'	6.5' LT	73	58.4	3, H	---	976.17	975.34	3.12	12	972.22	971.86	73	0.5	
59.1	100+75.0'E'	35.3' RT	248	58.1	---	3, H	977.45	976.62	9.84	24	966.78	965.53	248	0.5	FLAT SLAB TOP
59.2	102+17.0'E'	131' RT	146	59.1	8, MS	---	972.20	972.20	2.71	18	969.49	966.78	146	1.9	
59.3	100+75.0'E'	6.5' RT	29	59.1	3, H	---	977.48	976.65	7.81	18	968.84	968.70	29	0.5	
59.4	100+75.0'E'	6.5' LT	13	59.3	3, H	---	977.48	976.65	7.75	18	968.91	968.84	13	0.5	
59.5	100+75.0'E'	37.5' LT	31	59.4		1, H	977.40	976.57	7.51	18	969.06	968.91	31	0.5	FLAT SLAB TOP

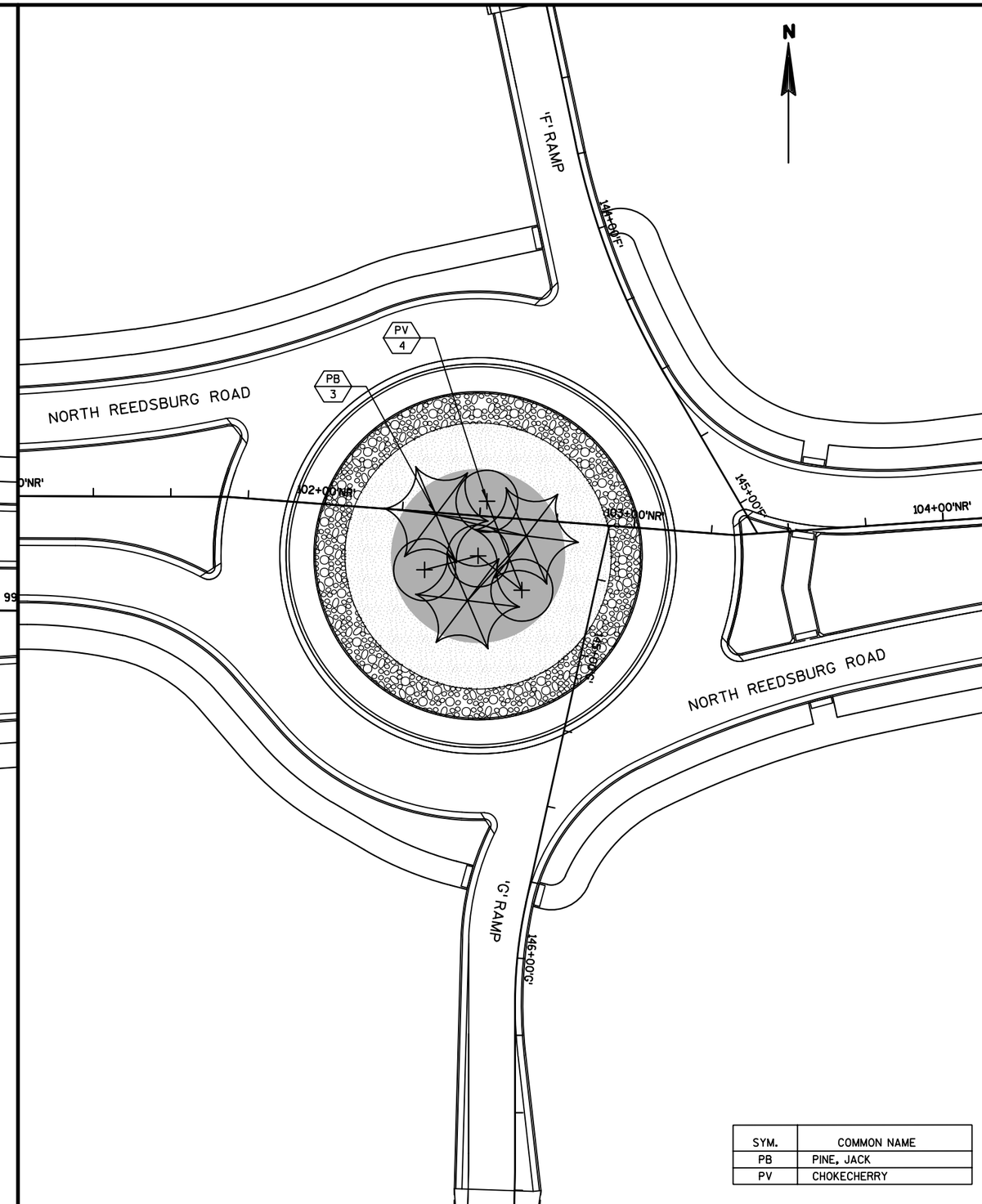
STRUCT NO.	STATION	OFFSET	C-C (FT)	TO STRUCT	INLET TYPE & COVER	MH TYPE & COVER	RIM/ GRATE ELEV.	T.O.S. ELEV.	DEPTH (FT)	DISCHARGE PIPE SIZE (IN)	DISCHARGE PIPE INLET ELEV.	DISCHARGE PIPE DISCHARGE ELEV.	DISCHARGE PIPE LENGTH (FT)	DISCHARGE PIPE SLOPE (%)	REMARKS
59.6	43+22.0	170' LT	117	59.5	8, MS	---	974.30	974.30	2.87	18	971.43	969.06	117	2.0	
60.1	102+09.8'E'	29.6' RT	125	59.1	---	3, T	977.84	976.88	9.48	24	967.40	966.78	125	0.5	FLAT SLAB TOP
60.2	102+52.3'E'	127.6' RT	107	60.1	---	1, H-S	978.41	977.58	4.18	15	973.40	972.87	107	0.5	FLAT SLAB TOP
60.3	102+72.4'E'	126.2' RT	20	60.2	3, H-S	---	978.33	977.50	3.75	12	973.75	973.65	20	0.5	
60.4	102+05.2'E'	22.5' RT	8	60.1	2, T	---	977.86	976.90	3.40	15	973.50	973.46	8	0.5	
61.1	103+34.0'E'	3.5' LT	128	60.1	---	3, J-S	980.45	979.20	11.16	24	968.05	967.40	128	0.5	
61.2	103+33.6'E'	16.3' RT	20	61.1	3, H-S	---	979.35	978.52	6.65	18	971.87	971.77	20	0.5	
61.3	103+28.9'E'	21.8' LT	20	61.1	---	1, H-S	979.68	978.85	3.87	15	974.98	974.88	20	0.5	FLAT SLAB TOP
61.4	103+50.6'E'	45.1' LT	27	61.3	3, H-S	---	979.52	978.69	3.33	12	975.36	975.23	27	0.5	
61.5	103+44.0'E'	49.7' LT	8	61.4	3, H-S	---	979.54	978.71	3.27	12	975.44	975.36	8	1.0	
61.6	103+36.3'E'	41.1' RT	27	61.2	3, H	---	979.28	978.45	6.45	12	972.00	971.87	27	0.5	
EW61	103+48.0'E'	82.8' RT	43	61.6	---	---	---	---	---	18	972.21	972.00	43	0.5	
62.2	104+25.0'E'	0.5' LT	90	61.1	---	3, J-S	980.80	979.55	11.05	24	968.50	968.05	90	0.5	
62.2	104+25.0'E'	6.5' LT	8	62.1	3, H	---	980.11	979.28	3.29	15	975.99	975.91	8	1.0	
63.1	106+00.0'E'	0.0'	175	62.1	---	3, J-S	982.00	980.75	11.38	24	969.37	968.50	175	0.5	
EW63	106+45.9'E'	81.0' LT	96	63.1	---	---	---	---	---	18	972.21	971.72	96	0.5	
64.1	108+00.0'E'	0.0'	198	63.1	---	3, J-S	981.13	979.88	9.52	24	970.36	969.37	198	0.5	
64.2	108+00.0'E'	6.5' RT	7	64.1	3, H	---	980.42	979.59	3.40	15	976.19	976.13	7	1.0	
64.3	108+00.0'E'	6.5' LT	7	64.1	3, H	---	980.42	979.59	3.40	15	976.19	976.13	7	1.0	
65.1	109+00.0'E'	0.0'	100	64.1	---	3, J-S	980.70	979.45	8.59	24	970.86	970.36	100	0.5	
65.2	109+00.0'E'	35.1' RT	35	65.1	3, H	---	979.40	978.57	3.56	15	975.01	974.84	35	0.5	
65.3	109+00.0'E'	9.3' LT	9	65.1	3, H-S	---	979.87	979.04	4.11	15	974.93	974.84	9	1.0	
65.4	108+96.0'E'	36.1' LT	27	65.3	3, H-S	---	979.39	978.56	3.50	15	975.06	974.93	27	0.5	



PROJECT NO: 1674-00-72	HWY: USH 12	COUNTY: SAUK	STORM SEWER: BUSINESS USH 12 ('E' LINE)	SHEET	E

2

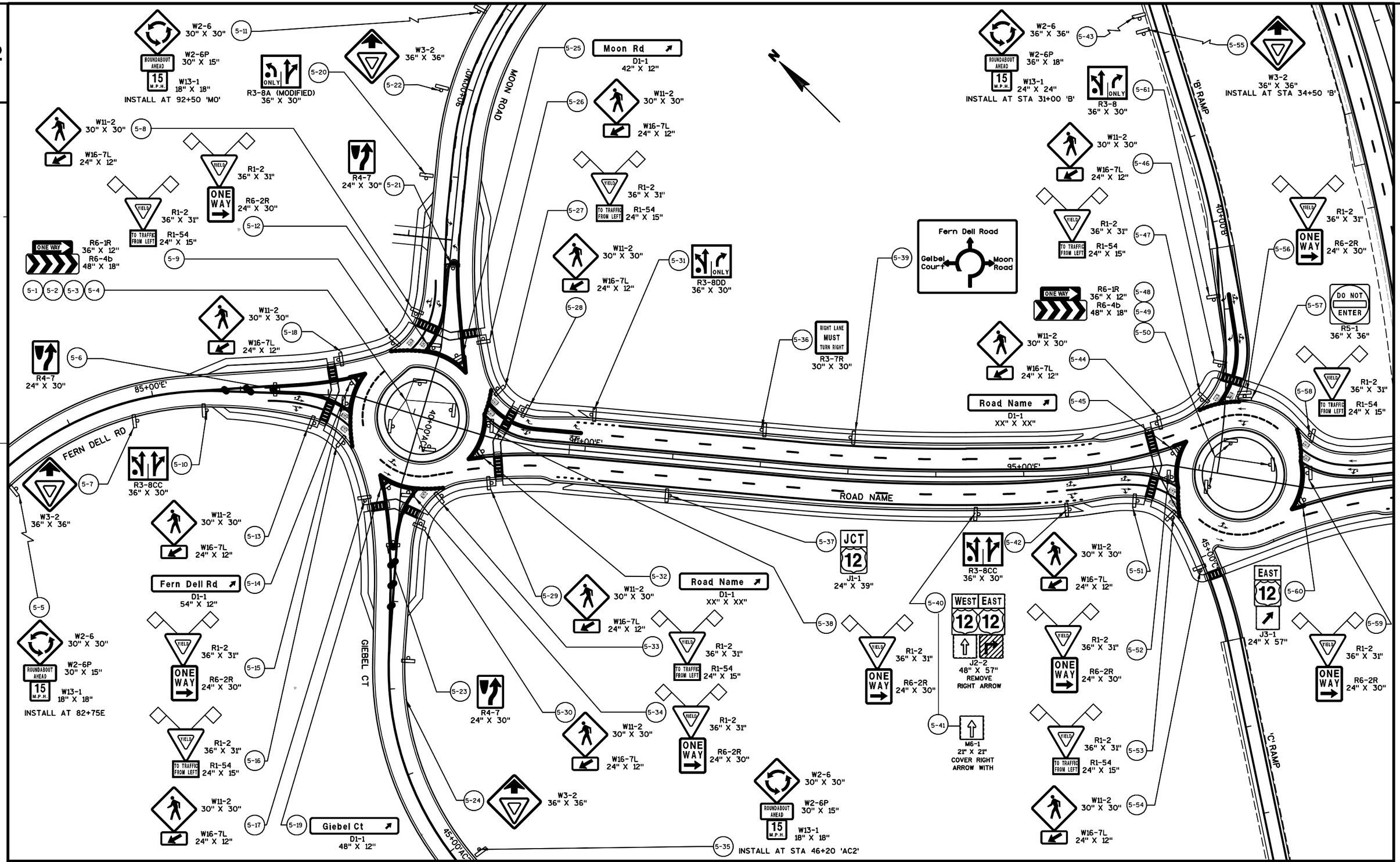




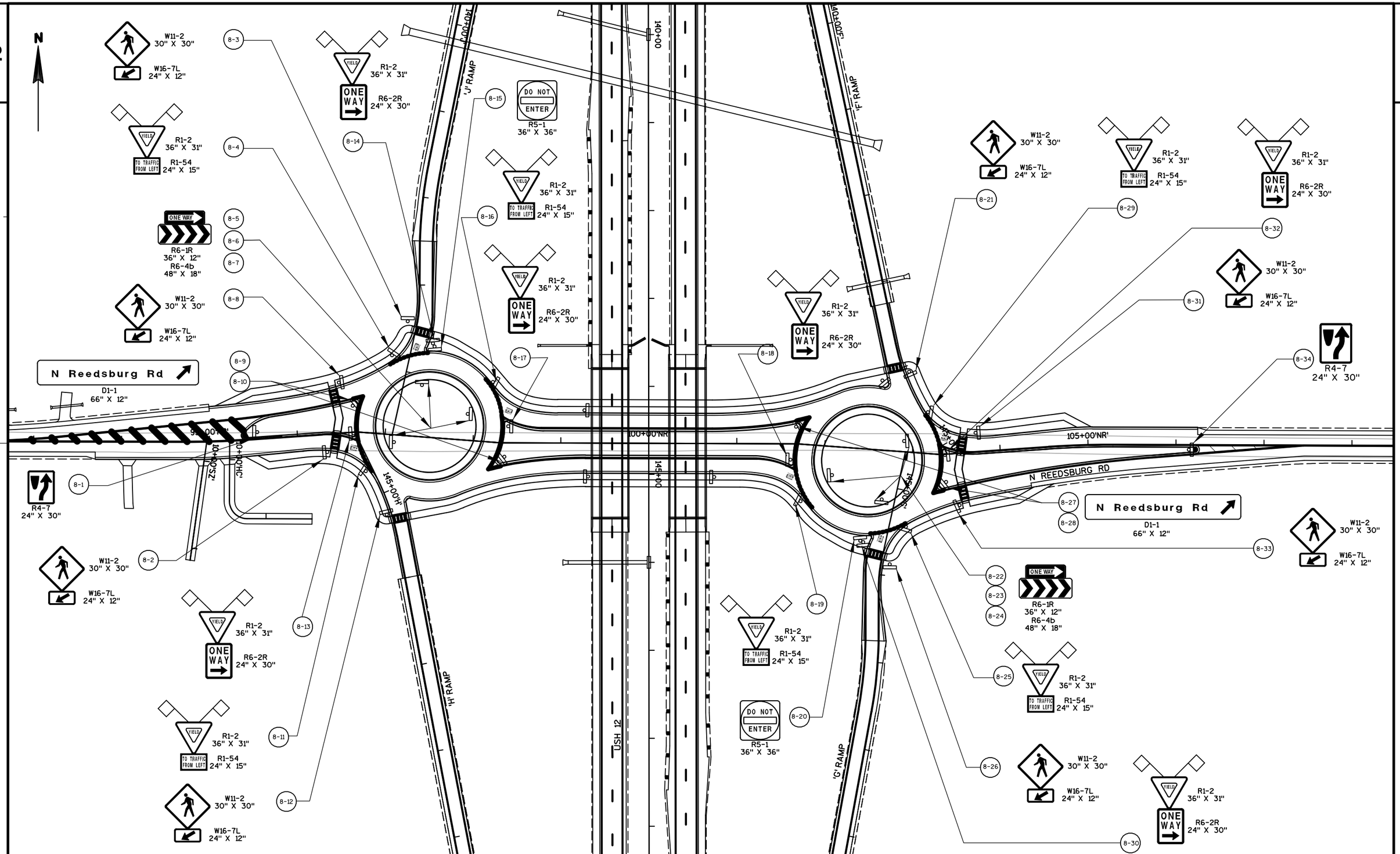
SYM.	COMMON NAME
PB	PINE, JACK
PV	CHOKECHERRY

2

PROJECT NO: 1674-00-72	HWY: USH 12	COUNTY: SAUK	PLANTING DETAIL	SHEET	E



PROJECT NO: 1674-00-72	HWY: USH 12	COUNTY: SAUK	PERMANENT SIGNING	SHEET	E



PROJECT NO: 1674-00-72	HWY: USH 12	COUNTY: SAUK	PERMANENT SIGNING	SHEET	E

LEGEND

- LIGHTING CONTROL CABINET WITH METER BREAKER PEDESTAL
- CONDUIT, NON-METALLIC
- 150 WATT LUMINAIRE, TYPE 5 POLE, TYPE 5 CONCRETE BASE, TRUSS TYPE - 4½" CLAMP - 12FT WITH TRANSFORMER BASE
- PULL BOX 24" X 42"
- POWER POLE
- SERVICE POLE
- ELECTRIC, UNDERGROUND
- ELECTRIC, OVERHEAD
- SIGN

NOTE:

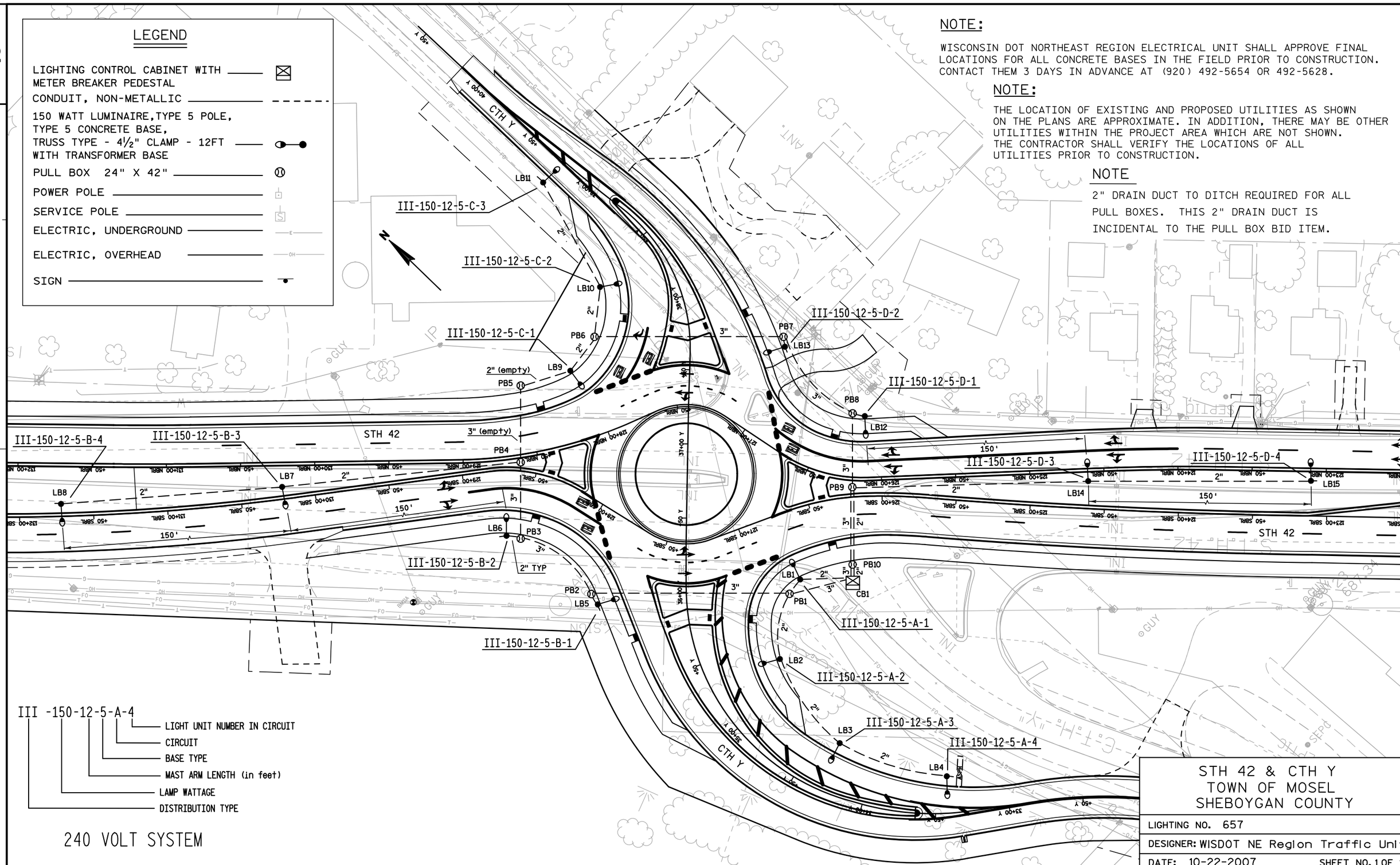
WISCONSIN DOT NORTHEAST REGION ELECTRICAL UNIT SHALL APPROVE FINAL LOCATIONS FOR ALL CONCRETE BASES IN THE FIELD PRIOR TO CONSTRUCTION. CONTACT THEM 3 DAYS IN ADVANCE AT (920) 492-5654 OR 492-5628.

NOTE:

THE LOCATION OF EXISTING AND PROPOSED UTILITIES AS SHOWN ON THE PLANS ARE APPROXIMATE. IN ADDITION, THERE MAY BE OTHER UTILITIES WITHIN THE PROJECT AREA WHICH ARE NOT SHOWN. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITIES PRIOR TO CONSTRUCTION.

NOTE

2" DRAIN DUCT TO DITCH REQUIRED FOR ALL PULL BOXES. THIS 2" DRAIN DUCT IS INCIDENTAL TO THE PULL BOX BID ITEM.



III -150-12-5-A-4

- LIGHT UNIT NUMBER IN CIRCUIT
- CIRCUIT
- BASE TYPE
- MAST ARM LENGTH (in feet)
- LAMP WATTAGE
- DISTRIBUTION TYPE

240 VOLT SYSTEM

STH 42 & CTH Y
TOWN OF MOSEL
SHEBOYGAN COUNTY

LIGHTING NO. 657

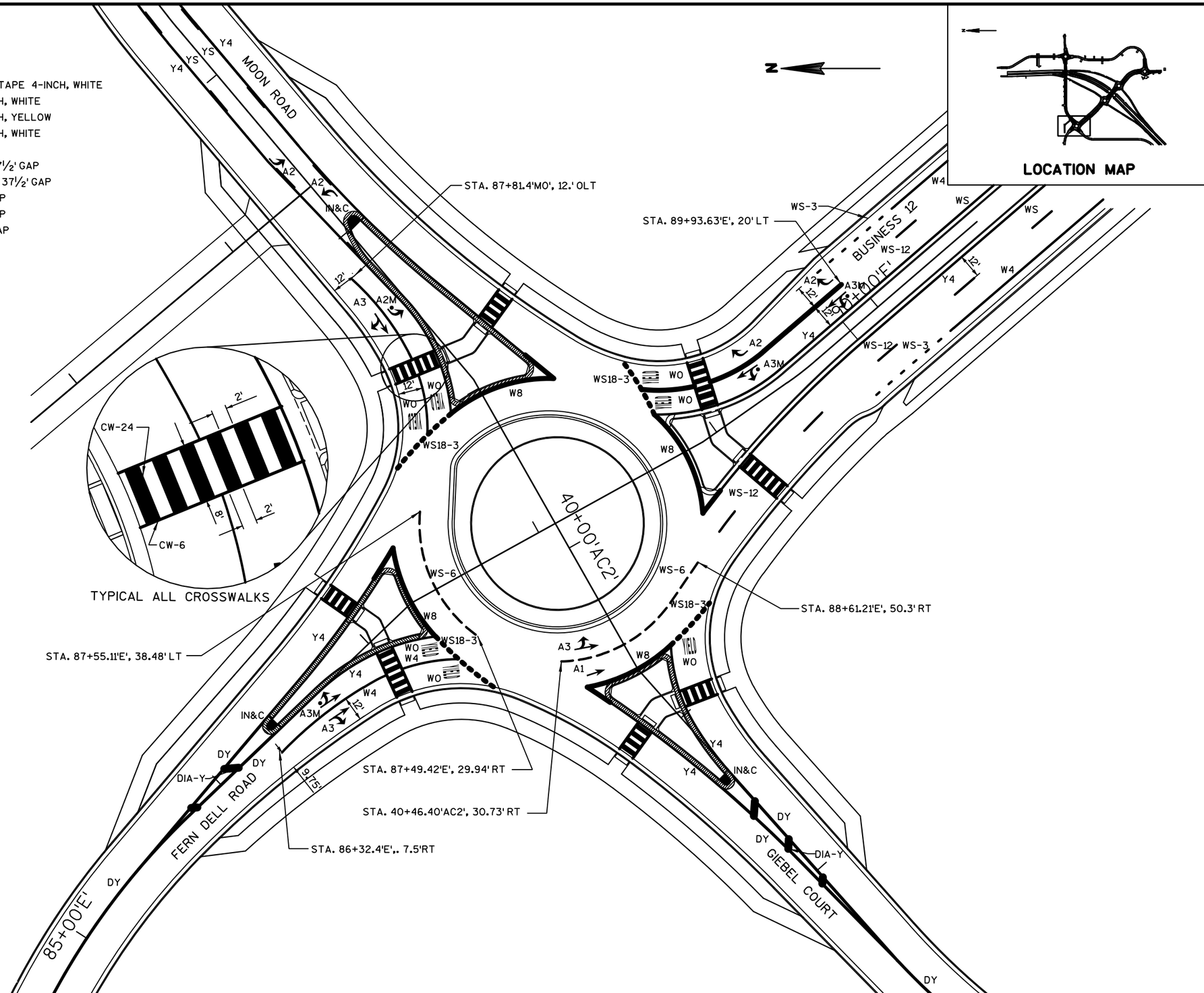
DESIGNER: WISDOT NE Region Traffic Unit

DATE: 10-22-2007 SHEET NO. 1 OF 1

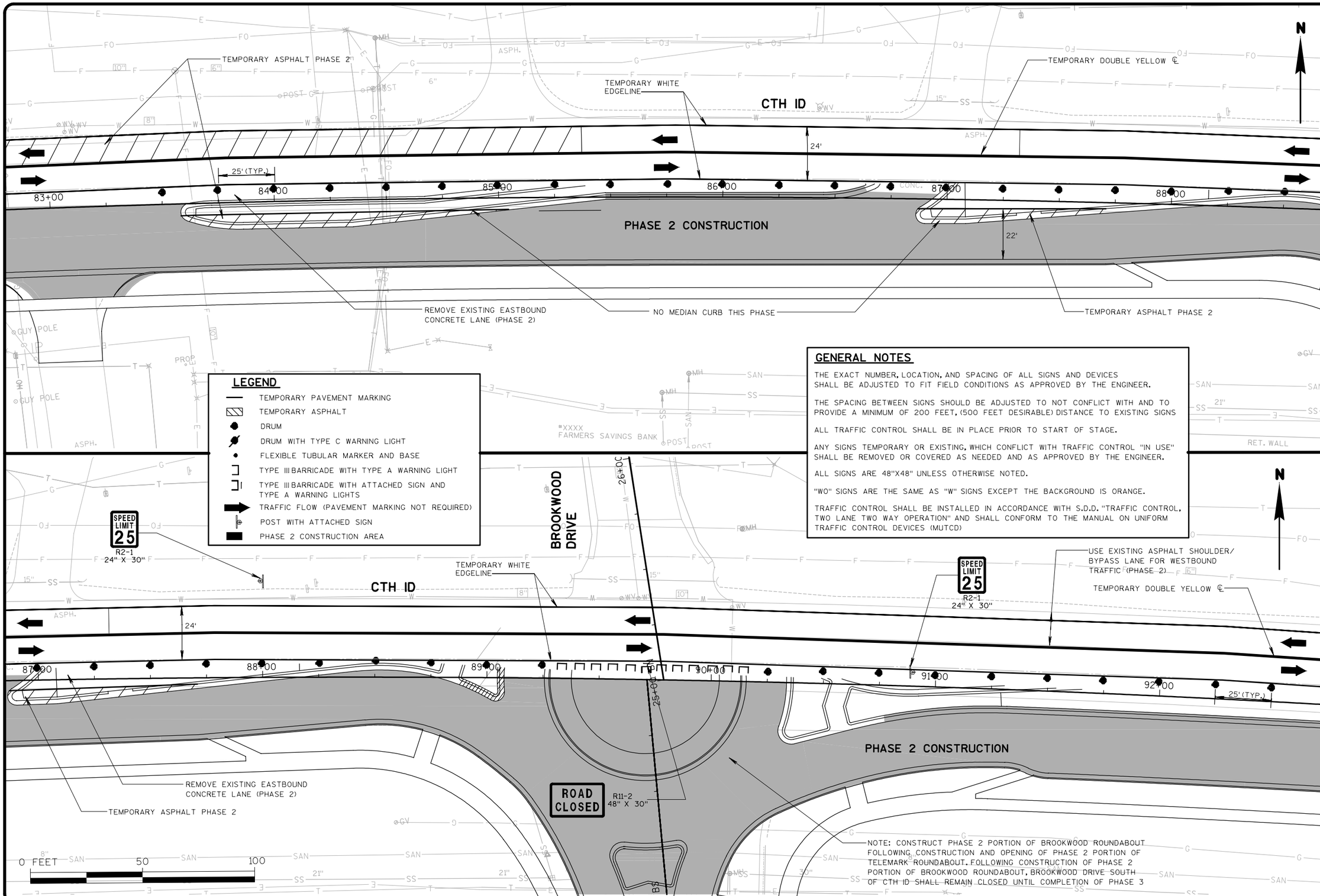
PROJECT NO: 1460-07-71	HWY: STH 42	COUNTY: SHEBOYGAN	CONSTRUCTION DETAIL - ROUNDABOUT LIGHTING DETAIL	SHEET	E

LEGEND

W4	PAVEMENT MARKING EPOXY 4-INCH, WHITE
Y4	PAVEMENT MARKING EPOXY 4-INCH, YELLOW
WSCT	PAVEMENT MARKING GROOVED WET REFLECTIVE CONTRAST TAPE 4-INCH, WHITE
W4T	PAVEMENT MARKING GROOVED WET REFLECTIVE TAPE 4-INCH, WHITE
Y4T	PAVEMENT MARKING GROOVED WET REFLECTIVE TAPE 4-INCH, YELLOW
W8T	PAVEMENT MARKING GROOVED WET REFLECTIVE TAPE 8-INCH, WHITE
DY	PAVEMENT MARKING EPOXY 4-INCH, DOUBLE YELLOW
WS	PAVEMENT MARKING EPOXY 4-INCH, WHITE SKIP, 12½' SEG., 37½' GAP
YS	PAVEMENT MARKING EPOXY 4-INCH, YELLOW SKIP, 12½' SEG., 37½' GAP
WS-6	PAVEMENT MARKING EPOXY 4-INCH, WHITE SKIP, 6' SEG., 3' GAP
WS-3	PAVEMENT MARKING EPOXY 8-INCH, WHITE SKIP, 2' SEG., 6' GAP
WS18-3	PAVEMENT MARKING EPOXY 18-INCH, WHITE SKIP, 2' SEG., 2' GAP
W8	PAVEMENT MARKING CHANNELIZING EPOXY 8-INCH, WHITE
Y8	PAVEMENT MARKING CHANNELIZING EPOXY 8-INCH, YELLOW
DIA-W	PAVEMENT MARKING DIAGONAL EPOXY 12-INCH, WHITE
DIA-Y	PAVEMENT MARKING DIAGONAL EPOXY 12-INCH, YELLOW
CW-6	PAVEMENT MARKING CROSSWALK EPOXY 6-INCH
CW-24	PAVEMENT MARKING DIAGONAL EPOXY 24-INCH
IN	PAVEMENT MARKING ISLAND NOSE EPOXY YELLOW
C	PAVEMENT MARKING CURB EPOXY YELLOW
WO	PAVEMENT MARKING WORDS EPOXY
A1	PAVEMENT MARKING ARROWS EPOXY TYPE 1
A2	PAVEMENT MARKING ARROWS EPOXY TYPE 2
A3	PAVEMENT MARKING ARROWS EPOXY TYPE 3
A2M	PAVEMENT MARKING ARROWS EPOXY TYPE 2 MODIFIED
A3M	PAVEMENT MARKING ARROWS EPOXY TYPE 3 MODIFIED



PROJECT NO: 1674-00-72	HWY: USH 12	COUNTY: SAUK	PAVEMENT MARKING	SHEET	E



LEGEND

- TEMPORARY PAVEMENT MARKING
- TEMPORARY ASPHALT
- DRUM
- DRUM WITH TYPE C WARNING LIGHT
- FLEXIBLE TUBULAR MARKER AND BASE
- TYPE III BARRICADE WITH TYPE A WARNING LIGHT
- TYPE III BARRICADE WITH ATTACHED SIGN AND TYPE A WARNING LIGHTS
- TRAFFIC FLOW (PAVEMENT MARKING NOT REQUIRED)
- POST WITH ATTACHED SIGN
- PHASE 2 CONSTRUCTION AREA

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET, (500 FEET DESIRABLE) DISTANCE TO EXISTING SIGNS

ALL TRAFFIC CONTROL SHALL BE IN PLACE PRIOR TO START OF STAGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

TRAFFIC CONTROL SHALL BE INSTALLED IN ACCORDANCE WITH S.D.D. "TRAFFIC CONTROL, TWO LANE TWO WAY OPERATION" AND SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD)

NO.	REVISIONS	DATE:

DATE: JAN. 2006
DES BY: JJS CHK BY: MAF
RECORD DRAWING
BY:
DATE:
CONTRACTOR:

CTH ID CONSTRUCTION STAGING - PHASE 2

CTH ID RECONSTRUCTION
VILLAGE OF MOUNT HOREB
DANE COUNTY, WISCONSIN

SHEET 26

JOB NO. 1-123-008

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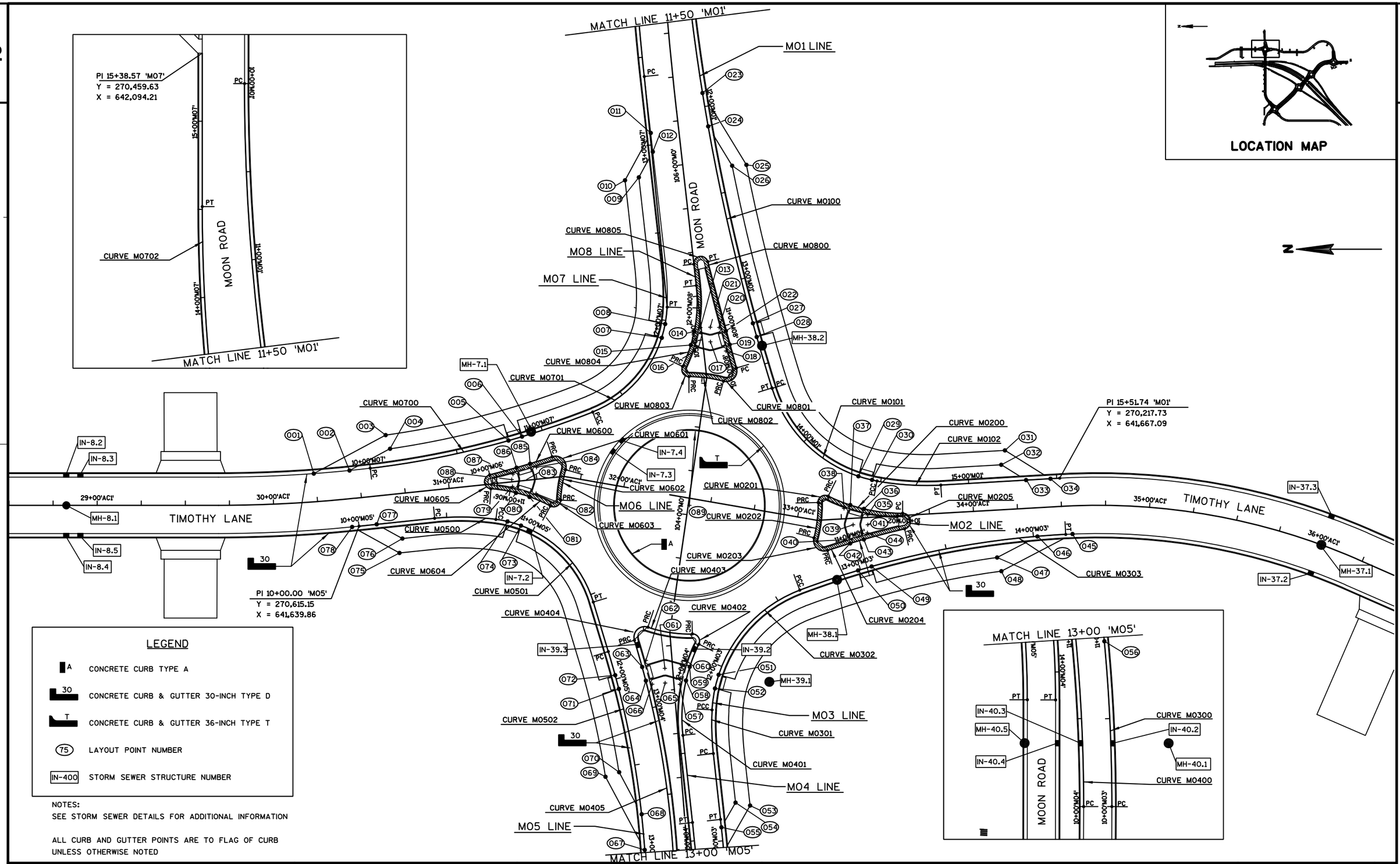


LEGEND

A	CONCRETE CURB TYPE A
30	CONCRETE CURB & GUTTER 30-INCH TYPE D
T	CONCRETE CURB & GUTTER 36-INCH TYPE T
75	LAYOUT POINT NUMBER
IN-400	STORM SEWER STRUCTURE NUMBER

NOTES:
SEE STORM SEWER DETAILS FOR ADDITIONAL INFORMATION

ALL CURB AND GUTTER POINTS ARE TO FLAG OF CURB UNLESS OTHERWISE NOTED

PROJECT NO: 1674-00-72	HWY: USH 12	COUNTY: SAUK	LAYOUT DETAIL	SHEET	E

2

DATA TABLE

POINT NO.	NORTHING	EASTING	STATION	OFFSET	CHAIN	REMARK
1	270,640.81	641,669.70	30+24.02	-16.00	AC1	
2	270,620.57	641,671.48	30+44.79	-16.00	AC1	
3	270,600.07	641,691.54	10+11.21	-17.50	MO7	
4	270,597.54	641,683.82	10+12.67	-9.50	MO7	
5	270,530.33	641,688.45	10+80.06	0.00	MO7	
6	270,522.65	641,690.70	10+88.06	0.00	MO7	
7	270,443.43	641,746.75	11+89.91	0.00	MO7	
8	270,441.48	641,754.51	11+97.92	0.00	MO7	
9	270,456.44	641,837.70	12+82.41	-8.73	MO7	
10	270,464.30	641,836.06	12+81.56	-16.72	MO7	
11	270,449.72	641,862.86	13+06.78	0.44	MO7	
12	270,448.52	641,852.25	12+96.11	0.58	MO7	
13	270,421.51	641,752.58	11+89.42	3.00	MO8	R=1'
14	270,424.97	641,750.36	11+86.65	0.00	MO8	
15	270,426.92	641,742.60	11+78.65	0.00	MO8	
16	270,424.92	641,739.00	11+75.89	3.00	MO8	R=1'
17	270,415.84	641,744.46	10+18.30	-10.04	MO8	R=4.5'
18	270,407.02	641,739.16	10+10.83	-3.00	MO8	R=1'
19	270,404.96	641,742.87	10+13.82	0.00	MO8	
20	270,410.82	641,752.64	10+24.80	-3.00	MO8	R=1'
21	270,415.97	641,752.74	10+26.25	-7.94	MO8	R=4.5'
22	270,407.13	641,750.57	10+21.82	0.00	MO8	
23	270,420.32	641,885.53	11+92.23	0.00	MO1	
24	270,417.11	641,866.60	12+11.43	0.00	MO1	
25	270,395.45	641,844.78	12+37.07	-17.24	MO1	
26	270,403.51	641,844.29	12+35.97	-9.24	MO1	
27	270,391.74	641,754.93	13+25.99	0.00	MO1	
28	270,389.57	641,747.23	13+33.98	0.00	MO1	
29	270,331.91	641,668.22	14+36.93	0.00	MO1	

DATA TABLE

POINT NO.	NORTHING	EASTING	STATION	OFFSET	CHAIN	REMARK
30	270,324.20	641,666.08	14+44.93	0.00	MO1	
31	270,248.80	641,682.87	15+21.62	-17.53	MO1	
32	270,250.88	641,674.74	15+19.08	-9.53	MO1	
33	270,236.86	641,665.99	15+32.58	0.00	MO1	
34	270,223.02	641,666.78	15+46.44	0.00	MO1	
35	270,326.64	641,646.15	10+19.38	-3.00	MO2	R=1'
36	270,328.77	641,649.68	10+22.16	0.00	MO2	
37	270,336.48	641,651.83	10+30.17	0.00	MO2	
38	270,340.13	641,649.91	10+32.95	-3.00	MO2	R=1'
39	270,334.92	641,640.66	11+02.97	-9.63	MO2	R=4.5'
40	270,340.26	641,632.16	10+95.52	-3.00	MO2	R=1'
41	270,326.60	641,640.71	11+10.86	-7.42	MO2	R=4.5'
42	270,336.55	641,630.14	10+98.48	0.00	MO2	
43	270,328.87	641,632.38	11+06.48	0.00	MO2	
44	270,326.81	641,636.07	11+09.44	-3.00	MO2	R=1'
45	270,210.51	641,635.40	34+55.59	16.00	AC1	
46	270,230.38	641,634.03	14+02.31	0.09	MO3	
47	270,253.25	641,622.07	13+78.05	9.50	MO3	
48	270,250.80	641,614.32	13+79.50	17.50	MO3	
49	270,324.39	641,617.02	13+06.62	0.00	MO3	
50	270,332.07	641,614.78	12+98.62	0.00	MO3	
51	270,411.15	641,555.60	11+94.96	0.00	MO3	
52	270,413.25	641,547.88	11+86.95	0.00	MO3	
53	270,393.35	641,481.39	11+18.20	17.50	MO3	
54	270,401.59	641,483.10	11+20.80	9.50	MO3	
55	270,409.61	641,469.08	11+07.74	0.00	MO3	
56	270,408.26	641,455.33	10+93.93	0.00	MO3	
57	270,433.19	641,550.19	11+88.72	-3.00	MO4	R=1'
58	270,429.67	641,552.35	11+91.51	0.00	MO4	
59	270,427.57	641,560.06	11+99.51	0.00	MO4	

DATA TABLE

POINT NO.	NORTHING	EASTING	STATION	OFFSET	CHAIN	REMARK
60	270,429.52	641,563.70	12+02.30	-3.00	MO4	R=1'
61	270,429.52	641,563.70	12+02.30	-3.00	MO4	R=4.5'
62	270,452.47	641,563.77	12+73.19	-3.00	MO4	R=1'
63	270,454.54	641,560.01	12+76.25	0.00	MO4	
64	270,452.47	641,552.27	12+84.26	0.00	MO4	
65	270,441.52	641,550.90	12+88.25	-10.28	MO4	R=4.5'
66	270,448.85	641,550.24	12+87.12	-3.00	MO4	R=1'
67	270,453.09	641,456.29	12+98.45	0.00	MO5	
68	270,454.87	641,476.51	12+78.14	0.00	MO5	
69	270,475.33	641,497.72	12+54.01	17.50	MO5	
70	270,467.64	641,500.31	12+52.61	9.50	MO5	
71	270,467.79	641,547.61	12+05.82	0.00	MO5	
72	270,469.85	641,555.34	11+97.82	0.00	MO5	
73	270,523.29	641,640.21	10+92.64	0.00	MO5	
74	270,530.95	641,642.51	10+84.63	0.00	MO5	
75	270,592.21	641,624.67	10+21.24	17.50	MO5	
76	270,590.54	641,632.89	10+23.75	9.50	MO5	
77	270,605.10	641,640.92	10+10.11	0.00	MO5	
78	270,619.04	641,639.47	30+43.10	16.00	AC1	
79	270,528.11	641,662.37	10+99.21	3.00	MO6	R=1'
80	270,526.07	641,658.77	10+96.45	-0.05	MO6	
81	270,518.40	641,656.46	10+88.44	-0.05	MO6	
82	270,514.71	641,658.34	10+85.68	3.00	MO6	R=1'
83	270,514.71	641,658.34	10+85.68	3.00	MO6	R=4.5'
84	270,514.41	641,673.31	10+26.71	3.00	MO6	R=1'
85	270,518.13	641,675.32	10+23.75	-0.01	MO6	
86	270,525.80	641,673.06	10+15.75	-0.01	MO6	
87	270,527.84	641,669.36	10+12.79	3.00	MO6	R=1'
88	270,528.50	641,666.29	10+11.34	5.79	MO6	R=4.5'
89	270,427.78	641,651.71	32+38.36	4.00	AC1	R=43.5'

2

CURVE M0100
P.I. = 11+83.52
Y = 270,435.66
X = 641,893.42
DELTA = 17° 21' 42" (LT)
D = 4° 46' 00"
T = 183.52
L = 364.23
R = 1,202.00
P.C. = 10+00.00
Y = 270,435.63
X = 642,076.94
P.T. = 13+64.23
Y = 270,380.91
X = 641,718.26

CURVE M0101
P.I. = 14+10.77
Y = 270,366.90
X = 641,673.88
DELTA = 62° 02' 52" (LT)
D = 74° 24' 36"
T = 46.31
L = 83.39
R = 77.00
P.C. = 13+64.46
Y = 270,380.84
X = 641,718.04
P.T. = 14+47.84
Y = 270,321.35
X = 641,665.50

CURVE M0102
P.I. = 14+66.10
Y = 270,303.40
X = 641,662.19
DELTA = 13° 41' 44" (LT)
D = 37° 41' 41"
T = 18.25
L = 36.33
R = 152.00
P.C. = 14+47.84
Y = 270,321.35
X = 641,665.50
P.T. = 14+84.18
Y = 270,285.18
X = 641,663.23

CURVE M0200
P.I. = 10+22.27
Y = 270,329.06
X = 641,647.08
DELTA = 26° 39' 08" (RT)
D = 60° 57' 11"
T = 22.27
L = 43.73
R = 94.00
P.C. = 10+00.00
Y = 270,306.80
X = 641,647.23
P.T. = 10+43.73
Y = 270,349.03
X = 641,656.94

CURVE M0201
P.I. = 10+50.32
Y = 270,354.94
X = 641,659.85
DELTA = 117° 29' 34" (LT)
D = 1432° 23' 40"
T = 6.59
L = 8.20
R = 4.00
P.C. = 10+43.73
Y = 270,349.03
X = 641,656.94
P.T. = 10+51.93
Y = 270,354.80
X = 641,653.26

CURVE M0202
P.I. = 10+62.07
Y = 270,354.58
X = 641,643.12
DELTA = 15° 49' 21" (RT)
D = 78° 29' 15"
T = 10.14
L = 20.16
R = 73.00
P.C. = 10+51.93
Y = 270,354.80
X = 641,653.26
P.T. = 10+72.09
Y = 270,357.14
X = 641,633.31

CURVE M0203
P.I. = 10+83.09
Y = 270,359.91
X = 641,622.66
DELTA = 122° 46' 18" (LT)
D = 954° 55' 47"
T = 11.00
L = 12.86
R = 6.00
P.C. = 10+72.09
Y = 270,357.14
X = 641,633.31
P.T. = 10+84.94
Y = 270,349.46
X = 641,626.09

CURVE M0204
P.I. = 11+07.67
Y = 270,327.87
X = 641,633.18
DELTA = 5° 01' 25" (RT)
D = 11° 03' 39"
T = 22.72
L = 45.42
R = 518.00
P.C. = 10+84.94
Y = 270,349.46
X = 641,626.09
P.T. = 11+30.36
Y = 270,305.74
X = 641,638.34

CURVE M0205
P.I. = 11+70.59
Y = 270,266.57
X = 641,647.49
DELTA = 167° 14' 02" (LT)
D = 1273° 14' 22"
T = 40.23
L = 13.13
R = 4.50
P.C. = 11+30.36
Y = 270,305.74
X = 641,638.34
P.T. = 11+43.50
Y = 270,306.80
X = 641,647.23

CURVE M0300
P.I. = 10+56.18
Y = 270,403.96
X = 641,417.71
DELTA = 6° 19' 03" (LT)
D = 5° 37' 42"
T = 56.18
L = 112.24
R = 1,018.00
P.C. = 10+00.00
Y = 270,404.00
X = 641,361.53
P.T. = 11+12.24
Y = 270,410.10
X = 641,473.55

CURVE M0301
P.I. = 11+62.25
Y = 270,415.56
X = 641,523.26
DELTA = 9° 22' 00" (RT)
D = 37° 41' 41"
T = 12.45
L = 24.85
R = 152.00
P.C. = 11+49.80
Y = 270,414.20
X = 641,510.89
P.T. = 11+74.65
Y = 270,414.89
X = 641,535.70

CURVE M0302
P.I. = 12+24.88
Y = 270,412.18
X = 641,585.85
DELTA = 66° 13' 54" (RT)
D = 74° 24' 36"
T = 50.23
L = 89.01
R = 77.00
P.C. = 11+74.65
Y = 270,414.89
X = 641,535.70
P.T. = 12+63.66
Y = 270,365.19
X = 641,603.58

CURVE M0303
P.I. = 13+41.64
Y = 270,292.23
X = 641,631.12
DELTA = 17° 39' 37" (RT)
D = 11° 24' 49"
T = 77.98
L = 154.73
R = 502.00
P.C. = 12+63.66
Y = 270,365.19
X = 641,603.58
P.T. = 14+18.39
Y = 270,214.35
X = 641,635.22

CURVE M0400
P.I. = 10+55.30
Y = 270,419.96
X = 641,416.84
DELTA = 6° 19' 03" (LT)
D = 5° 43' 05"
T = 55.30
L = 110.48
R = 1,002.00
P.C. = 10+00.00
Y = 270,420.00
X = 641,361.54
P.T. = 11+10.48
Y = 270,426.00
X = 641,471.81

CURVE M0401
P.I. = 11+87.57
Y = 270,434.43
X = 641,548.44
DELTA = 32° 25' 22" (RT)
D = 60° 57' 11"
T = 27.33
L = 53.19
R = 94.00
P.C. = 11+60.24
Y = 270,431.44
X = 641,521.27
P.T. = 12+13.44
Y = 270,422.38
X = 641,572.97

CURVE M0402
P.I. = 12+20.03
Y = 270,419.48
X = 641,578.88
DELTA = 117° 29' 34" (LT)
D = 1432° 23' 40"
T = 6.59
L = 8.20
R = 4.00
P.C. = 12+13.44
Y = 270,422.38
X = 641,572.97
P.T. = 12+21.64
Y = 270,426.07
X = 641,578.73

CURVE M0403
P.I. = 12+34.60
Y = 270,439.02
X = 641,578.43
DELTA = 20° 07' 56" (RT)
D = 78° 29' 15"
T = 12.96
L = 25.65
R = 73.00
P.C. = 12+21.64
Y = 270,426.07
X = 641,578.73
P.T. = 12+47.29
Y = 270,451.29
X = 641,582.60

CURVE M0404
P.I. = 12+59.05
Y = 270,462.42
X = 641,586.39
DELTA = 125° 55' 34" (LT)
D = 954° 55' 47"
T = 11.76
L = 13.19
R = 6.00
P.C. = 12+47.29
Y = 270,451.29
X = 641,582.60
P.T. = 12+60.48
Y = 270,458.96
X = 641,575.15

CURVE M0405
P.I. = 13+38.73
Y = 270,435.89
X = 641,500.37
DELTA = 17° 10' 56" (RT)
D = 11° 03' 40"
T = 78.26
L = 155.34
R = 518.00
P.C. = 12+60.48
Y = 270,458.96
X = 641,575.15
P.T. = 14+15.82
Y = 270,435.95
X = 641,422.11

CURVE M0500
P.I. = 10+60.62
Y = 270,554.85
X = 641,646.03
DELTA = 13° 07' 12" (RT)
D = 37° 41' 41"
T = 17.48
L = 34.81
R = 152.00
P.C. = 10+43.14
Y = 270,572.25
X = 641,644.35
P.T. = 10+77.94
Y = 270,537.53
X = 641,643.73

CURVE M0501
P.I. = 11+21.01
Y = 270,494.83
X = 641,638.04
DELTA = 65° 28' 09" (RT)
D = 85° 30' 58"
T = 43.07
L = 76.56
R = 67.00
P.C. = 10+77.94
Y = 270,537.53
X = 641,643.73
P.T. = 11+54.50
Y = 270,482.28
X = 641,596.84

CURVE M0502
P.I. = 12+58.78
Y = 270,451.90
X = 641,497.08
DELTA = 16° 59' 02" (RT)
D = 11° 24' 49"
T = 74.95
L = 148.81
R = 502.00
P.C. = 11+83.83
Y = 270,473.74
X = 641,568.78
P.T. = 13+32.64
Y = 270,451.95
X = 641,422.13

CURVE M0600
P.I. = 10+18.47
Y = 270,523.11
X = 641,673.49
DELTA = 4° 05' 00" (LT)
D = 11° 03' 39"
T = 18.47
L = 36.92
R = 518.00
P.C. = 10+00.00
Y = 270,541.01
X = 641,668.96
P.T. = 10+36.92
Y = 270,505.57
X = 641,679.28

CURVE M0601
P.I. = 10+48.28
Y = 270,494.78
X = 641,682.85
DELTA = 124° 20' 59" (RT)
D = 954° 55' 47"
T = 11.37
L = 13.02
R = 6.00
P.C. = 10+36.92
Y = 270,505.57
X = 641,679.28
P.T. = 10+49.94
Y = 270,497.93
X = 641,671.92

CURVE M0602
P.I. = 10+73.86
Y = 270,500.36
X = 641,663.46
DELTA = 13° 45' 12" (LT)
D = 78° 29' 15"
T = 8.80
L = 17.52
R = 73.00
P.C. = 10+49.94
Y = 270,497.93
X = 641,671.92
P.T. = 10+67.46
Y = 270,500.72
X = 641,654.67

CURVE M0603
P.I. = 10+73.86
Y = 270,500.98
X = 641,648.28
DELTA = 115° 56' 06" (RT)
D = 1432° 23' 40"
T = 6.39
L = 8.09
R = 4.00
P.C. = 10+67.46
Y = 270,500.72
X = 641,654.67
P.T. = 10+75.56
Y = 270,506.61
X = 641,651.30

CURVE M0604
P.I. = 10+93.50
Y = 270,522.42
X = 641,659.80
DELTA = 24° 07' 11" (LT)
D = 68° 12' 33"
T = 17.95
L = 35.36
R = 84.00
P.C. = 10+75.56
Y = 270,506.61
X = 641,651.30
P.T. = 11+10.92
Y = 270,540.32
X = 641,661.09

CURVE M0605
P.I. = 11+35.71
Y = 270,565.05
X = 641,662.88
DELTA = 161° 40' 18" (RT)
D = 1432° 23' 40"
T = 24.80
L = 11.29
R = 4.00
P.C. = 11+10.92
Y = 270,540.32
X = 641,661.09
P.T. = 11+22.20
Y = 270,541.01
X = 641,668.96

CURVE M0700
P.I. = 10+65.59
Y = 270,543.61
X = 641,680.47
DELTA = 14° 53' 19" (LT)
D = 11° 24' 49"
T = 65.59
L = 130.45
R = 502.00
P.C. = 10+00.00
Y = 270,608.75
X = 641,672.77
P.T. = 11+30.45
Y = 270,482.63
X = 641,704.64

CURVE M0701
P.I. = 11+73.97
Y = 270,442.17
X = 641,720.68
DELTA = 66° 01' 13" (LT)
D = 85° 30' 58"
T = 43.53
L = 77.20
R = 67.00
P.C. = 11+30.45
Y = 270,482.63
X = 641,704.64
P.T. = 12+07.65
Y = 270,440.38
X = 641,764.17

CURVE M0702
P.I. = 13+95.32
Y = 270,459.65
X = 641,950.84
DELTA = 6° 26' 50" (RT)
D = 5° 43' 46"
T = 56.32
L = 112.52
R = 1,000.00
P.C. = 13+39.00
Y = 270,453.33
X = 641,894.88
P.T. = 14+51.52
Y = 270,459.64
X = 642,007.16

CURVE M0800
P.I. = 10+31.23
Y = 270,410.00
X = 641,759.54
DELTA = 2° 56' 17" (RT)
D = 4° 42' 15"
T = 31.23
L = 62.46
R = 1,218.00
P.C. = 10+00.00
Y = 270,401.10
X = 641,729.60
P.T. = 10+62.46
Y = 270,417.36
X = 641,789.89

CURVE M0801
P.I. = 11+35.71
Y = 270,398.02
X = 641,719.24
DELTA = 121° 55' 37" (RT)
D = 954° 55' 47"
T = 10.81
L = 12.77
R = 6.00
P.C. = 11+24.90
Y = 270,401.10
X = 641,729.60
P.T. = 11+37.67
Y = 270,408.44
X = 641,722.10

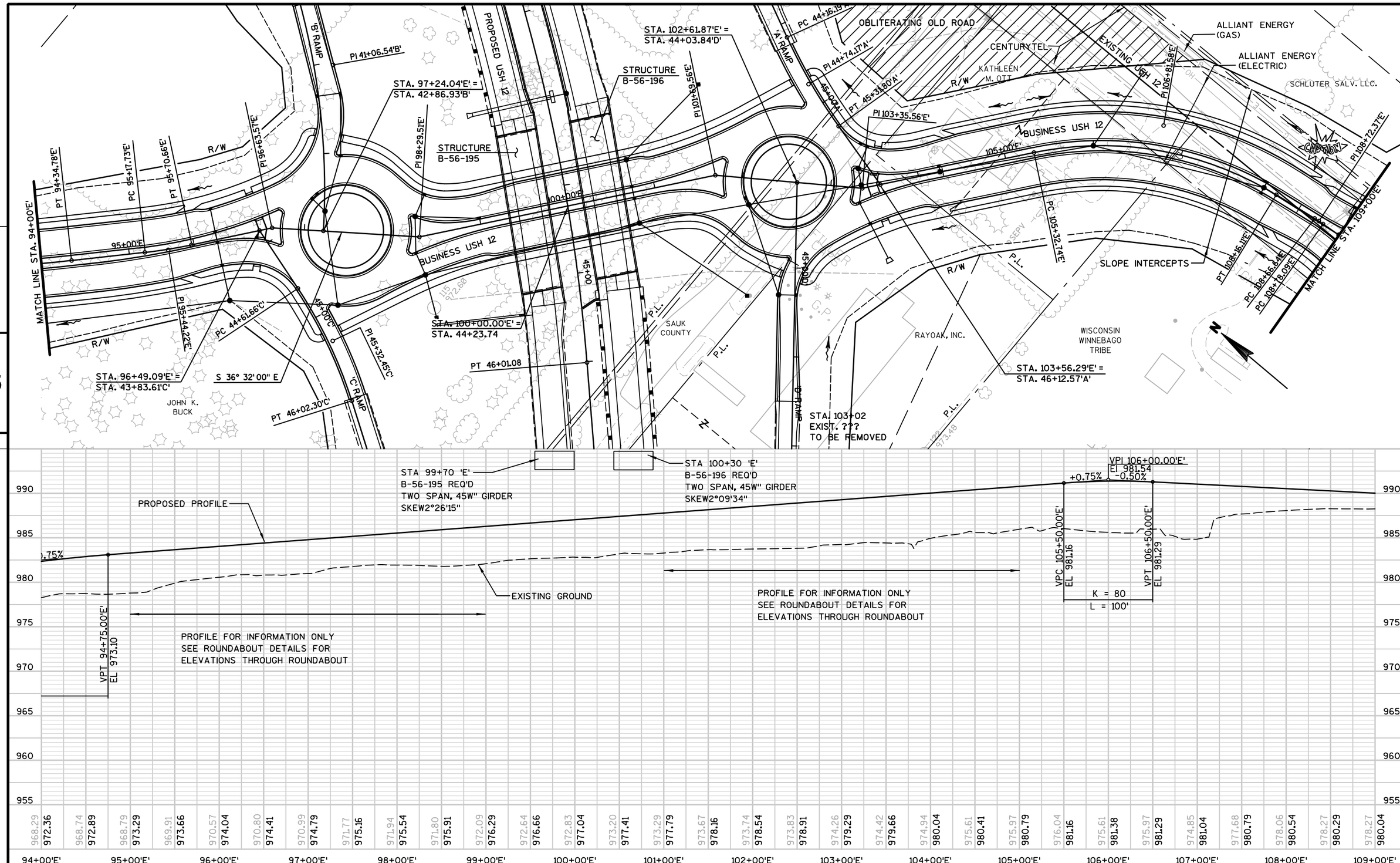
CURVE M0802
P.I. = 11+47.65
Y = 270,418.06
X = 641,724.74
DELTA = 15° 33' 49" (LT)
D = 78° 29' 15"
T = 9.98
L = 19.83
R = 73.00
P.C. = 11+37.67
Y = 270,408.44
X = 641,722.10
P.T. = 11+57.50
Y = 270,428.03
X = 641,724.71

CURVE M0803
P.I. = 11+63.90
Y = 270,434.43
X = 641,724.69
DELTA = 115° 56' 06" (RT)
D = 1432° 23' 40"
T = 6.39
L = 8.09
R = 4.00
P.C. = 11+57.50
Y = 270,428.03
X = 641,724.71
P.T. = 11+65.60
Y = 270,431.65
X = 641,730.45

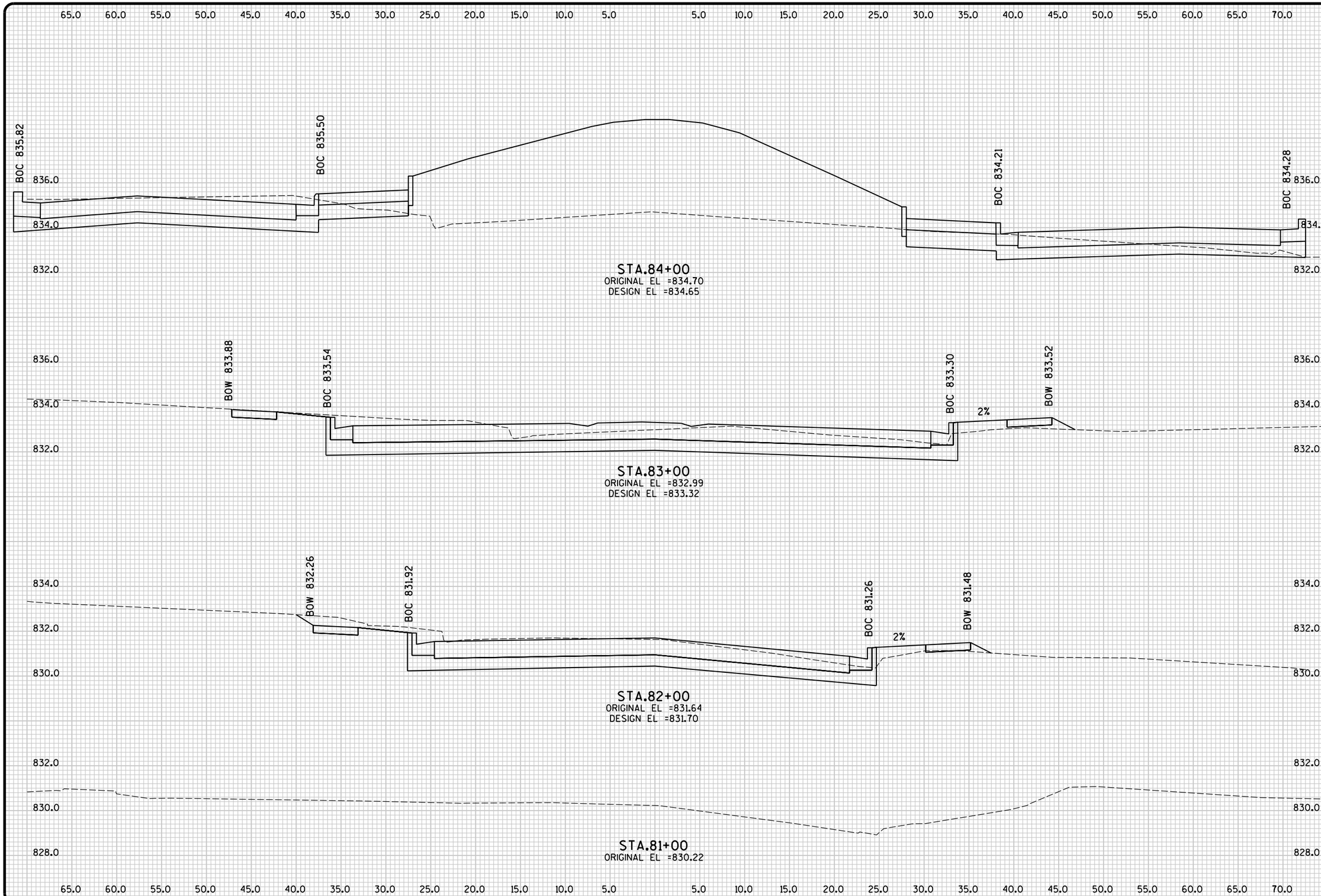
CURVE M0804
P.I. = 11+89.82
Y = 270,421.13
X = 641,752.27
DELTA = 32° 10' 28" (LT)
D = 68° 12' 33"
T = 24.23
L = 47.17
R = 84.00
P.C. = 11+65.60
Y = 270,431.65
X = 641,730.45
P.T. = 12+12.77
Y = 270,423.85
X = 641,776.34

CURVE M0805
P.I. = 12+88.82
Y = 270,432.39
X = 641,851.91
DELTA = 172° 49' 35" (RT)
D = 1432° 23' 40"
T = 63.81
L = 12.07
R = 4.00
P.C. = 12+25.00
Y = 270,425.22
X = 641,788.50
P.T. = 12+37.07
Y = 270,417.36
X = 641,789.89

PROJECT NO: 1674-00-72	HWY: USH 12	COUNTY: SAUK	LAYOUT DETAIL	SHEET	E



PROJECT NO: 1674-00-72	HWY: USH 12	COUNTY: SAUK	PLAN & PROFILE: BUSINESS USH 12 ('E' LINE)	SHEET	E



NO.	REVISIONS	DATE:

DATE: APRIL 2007
DES BY: JJS CHK BY: MAF
RECORD DRAWING
BY:
DATE:
CONTRACTOR:

ELKHORN ROAD
CROSS SECTIONS

ELKHORN ROAD ROUNDABOUT AND BLUFF ROAD RECONSTRUCTION
CITY OF WHITEWATER
WALWORTH COUNTY, WISCONSIN

SHEET
21

JOB NO. 1-407-033

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